QC-ABSTRACT

Name of Work:- Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16, BBMP, Bangalore.

Sl No.	Item	Quantity As Per BOQ	Required No's of tests	Actual No's of tests	Tests
1	PCC 1:3:6	105.96	1	1	Cement
					Sand, Aggregates
2	Steel	55.64 Tonne	1	1	-
3	M25	447.31 Cum	12	12	Concrete Cube Compressive strength

Cubes

0-5 m^3	1set
6-15 m^3	2set
16-30 m^3	3set
31-50 m^3	4 set

Extra 1set for every 50m^3

QUALITY CONSULTANTS & ENGINEERS Bangalore

Assistant Executive Engineer
R.R. Nagar Project Sub-Division-01
Bruhat Bengaluru Mahanagara Palike

Scanned with CamScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited As Per ISO/IEC : 17025:2005 Laboratory

JAS-ANZ
ISO 9001:2000 CERTIFIED

Job No.: CQCE/BBMP/PRN/W No.16/2019-20

Date: 04.01.2020

TEST REPORT

CLIENT	:	**Executive Engineer,** Project Division RR Nagar Zone, BBMP, Bangalore.
AGENCY	:	**Sri. Purushotham Raju N (Nadimpalli Purushotham Raju),** Contractor, Bangalore
NAME OF THE WORK	:	Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16, BBMP, Bangalore.
SAMPLE ID	:	Cement (OPC 53 Grade Dalmia Cement)
DATE OF MANUFACTURE	:	December 2019
DATE OF TESTING	:	02.01.2020 to 04.01.2020
SAMPLES SUPPLIED BY	:	AGENCY

The results of the tests conducted on the cement sample are as follows:

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 12269-1987
1	a) Initial Setting Time	IS-4031 (Part -5)	155 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5)	415 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) by the Le-Chatelier method	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	28.50 %	-

Note:

⇒ The report shall not be reproduced, except in full, without the written approval of the laboratory.

⇒ The results indicated above are based on the tests carried out on the samples received in the laboratory.

⇒ Any Query regarding the report must be reported within 30days from the date of testing.

Assistant Executive Engineer,
R.R. Nagar Project Sub-Division-01
Bruhat Bengaluru Mahanagara Palike

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Office & Laboratory : # 133, Bhuvaneshwarinagar, Dodda Basti Main Road, Bangalore - 560 056.
e-mail: civilqualityconsultants@gmail.com Ph: 080-23240644 / Mob: 8553518550

Scanned with CamScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited As Per ISO/IEC : 17025:2005 Laboratory

JAS-ANZ
ISO 9001:2000 CERTIFIED

Job No.: CQCE/BBMP/PRN/W No.16/2019-20 Date : 04.01.2020

TEST REPORT ON FINE AGGREGATES (SAND)
IS 383-1970 (RA- 2002)

Client : **Executive Engineer,** Project Division RR Nagar Zone, BBMP, Bangalore.

Agency : **Sri. Purushotham Raju N (Nadimpalli Purushotham Raju),** Contractor, Bangalore

Name of Work : Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16, BBMP, Bangalore.

Date of Testing : 04.01.2020

Material : Sand Total wt. of aggregates in gms = **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	66	6.60	6.60	93.4	90-100
2.36	132	13.20	19.80	80.2	75-100
1.18	185	18.50	38.30	61.7	55-90
600 Micron	195	19.50	57.80	42.2	35-59
300 Micron	235	23.50	81.30	18.7	8-30
150 Micron	141	14.10	95.40	4.6	0-10

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Assistant Executive Engineer
R.R. Nagar Project Sub-Division-01
Bruhat Bengaluru Mahanagara Palike

Office & Laboratory : # 133, Bhuvaneshwarinagar, Dodda Basti Main Road, Bangalore - 560 056.
e-mail: civilqualityconsultants@gmail.com Ph: 080-23240644 / Mob: 8553518550

Scanned with CamScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited As Per ISO/IEC : 17025:2005 Laboratory

JAS-ANZ
ISO 9001:2000 CERTIFIED

Job No.: CQCE/BBMP/PRN/W No.16/2019-20 Date : 04.01.2020

TEST REPORT ON COARSE AGGREGATES
IS 383-1970 (RA- 2002)

Client : **Executive Engineer,** Project Division RR Nagar Zone, BBMP, Bangalore.

Agency : **Sri. Purushotham Raju N (Nadimpalli Purushotham Raju),** Contractor, Bangalore

Name of Work : Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16, BBMP, Bangalore.

Date of Testing : 04.01.2020

Material : 40mm Aggregates

Total wt. of aggregates in gms = **15000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
80	0	0	0	100	100
40	262	1.75	1.75	98.25	95-100
20	6474	43.16	44.91	55.09	30-70
10	5237	34.91	79.82	20.18	10-35
4.75	2674	17.83	97.65	2.35	0-5

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Assistant Executive Engineer
R.R. Nagar Project Sub-Division-01
Bruhat Bengaluru Mahanagara Palike

Office & Laboratory : # 133, Bhuvaneshwarinagar, Dodda Basti Main Road, Bangalore - 560 056.
e-mail: civilqualityconsultants@gmail.com Ph: 080-23240644 / Mob: 8553518550

Scanned with CamScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited As Per ISO/IEC : 17025:2005 Laboratory

JAS-ANZ
ISO 9001:2000 CERTIFIED

Job No.: CQCE/BBMP/PRN/W No.16/2019-20 Date : 04.01.2020

TEST REPORT ON COARSE AGGREGATES
IS 383-1970 (RA- 2002)

Client : **Executive Engineer,** Project Division RR Nagar Zone, BBMP, Bangalore.

Agency : **Sri. Purushotham Raju N (Nadimpalli Purushotham Raju),** Contractor, Bangalore

Name of Work : Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16, BBMP, Bangalore.

Date of Testing : 04.01.2020

Material : 20mm Aggregates

Total wt. of aggregates in gms = **5000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
40	0	0	0	100	100
20	188	3.8	3.8	96.2	95-100
10	3252	65.0	68.8	31.2	25-55
4.75	1106	22.1	90.9	9.1	0-10

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Assistant Executive Engineer
R.R. Nagar Project Sub-Division-01
Bruhat Bengaluru Mahanagara Palike

Office & Laboratory : # 133, Bhuvaneshwarinagar, Dodda Basti Main Road, Bangalore - 560 056.
e-mail: civilqualityconsultants@gmail.com Ph: 080-23240644 / Mob: 8553518550

Scanned with CamScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited As Per ISO/IEC : 17025:2005 Laboratory

JAS-ANZ
ISO 9001:2000 CERTIFIED

Job No.: CQCE/BBMP/PRN/W No.16/2019-20 Date: 06.01.2020

TEST RESULTS OF PHYSICAL PROPERTIES OF REINFORCEMENT STEEL

Client : **Executive Engineer,** Project Division RR Nagar Zone, BBMP, Bangalore.
Agency : **Sri. Purushotham Raju N (Nadimpalli Purushotham Raju),**
Name of Work : Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16, BBMP, Bangalore.
Sample Identification : 8mm, 10mm,16mm, 20mm, 25mm Fe 500 TMT Bars
Technical Reference : IS 1786:2008, IS 1608:2005, IS 1599:1985 (Reaffirmed 2006)
Date of test : 06.01.2020

S.No	Brand	Nominal size (dia in mm)	Mass per metre (kg/metre)	TENSILE STRENGTH		
				0.20 % proof stress/ yield stress (N/mm^2)	Tensile strength (N/mm^2)	Elongation, percent on gauge length
1	Fe 500	8	0.39	548	559	14
2	Fe 500	10	0.62	562	571	14.5
3	Fe 500	16	1.58	585	596	15.5
4	Fe 500	20	2.47	625	632	16
5	Fe 500	25	3.86	637	648	16.5

Remarks:
1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples Collected at Site.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Assistant Executive Engineer
R.R. Nagar Project Sub-Division-01
Bruhat Bengaluru Mahanagara Palike

Office & Laboratory : # 133, Bhuvaneshwarinagar, Dodda Basti Main Road, Bangalore - 560 056.
e-mail: civilqualityconsultants@gmail.com Ph: 080-23240644 / Mob: 8553518550

Scanned with CamScanner